

2027807-ESSBETHNOT



COPY OF PAPERS
ORIGINALLY FILED

IC (Top View)

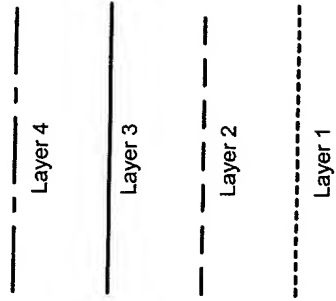
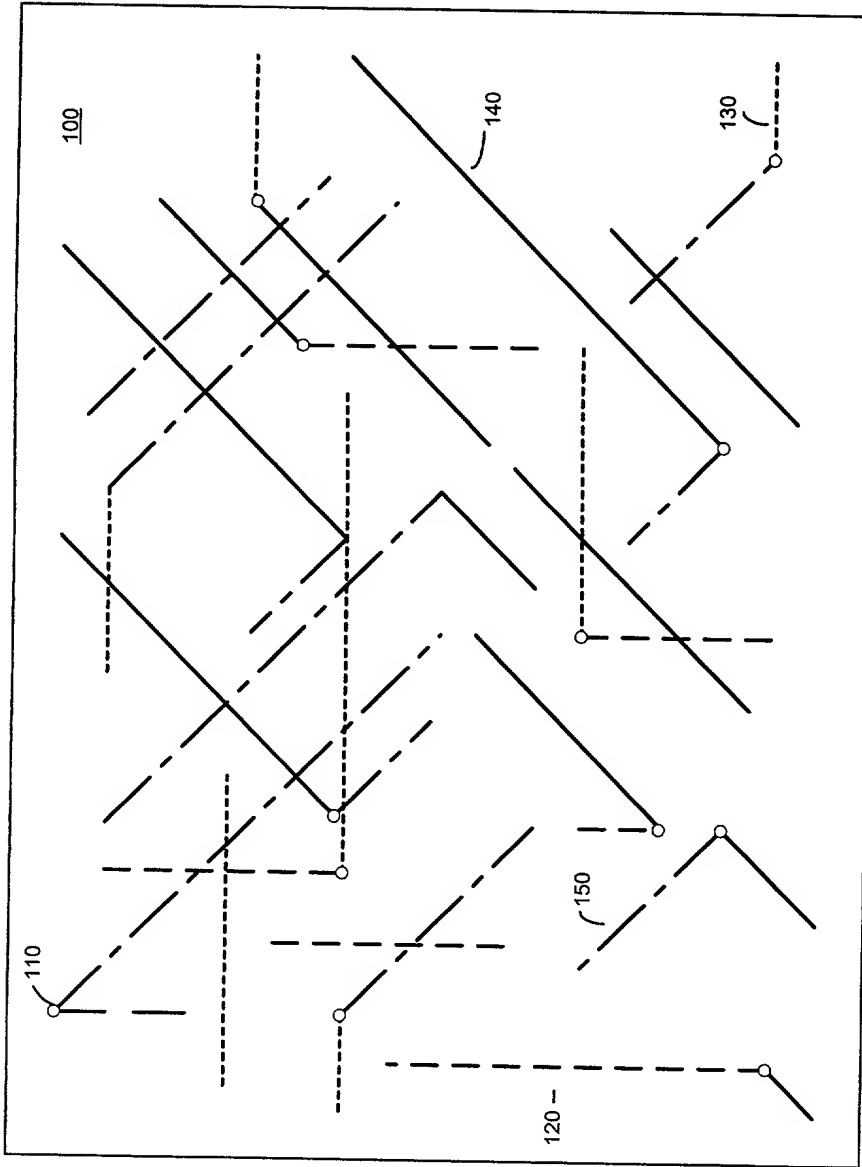
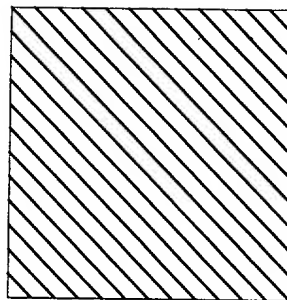


Figure 1a

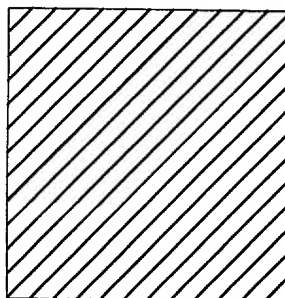


COPY OF PAPERS
ORIGINALLY FILED



Layer "n+1"

Octalinear (-45 Deg.)



Layer "n"

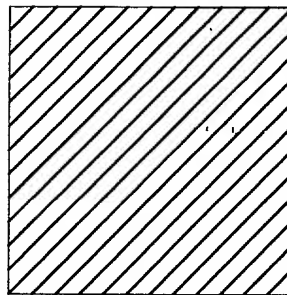
Octalinear (+45 Deg.)

Figure 2a

20250707 15:00:00

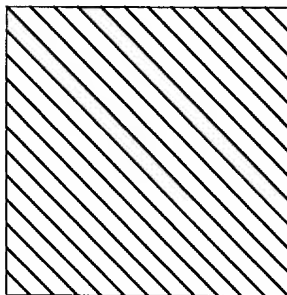


COPY OF PAFT.
ORIGINALLY FILED



Layer "n+1"

Octalinear (+45 Deg.)



Layer n

Octalinear (-45 Deg.)

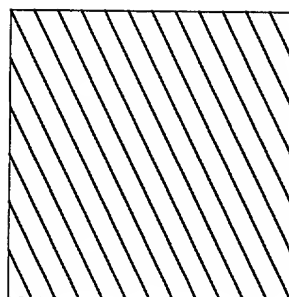
Figure 2b

20250708 14:00:00



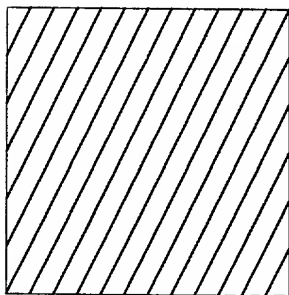
COPY OF PAPERS
ORIGINALLY FILED

2025-08-12 10:00:00



(-60 Degrees)

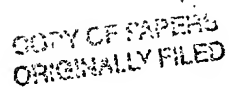
Layer "n+1"



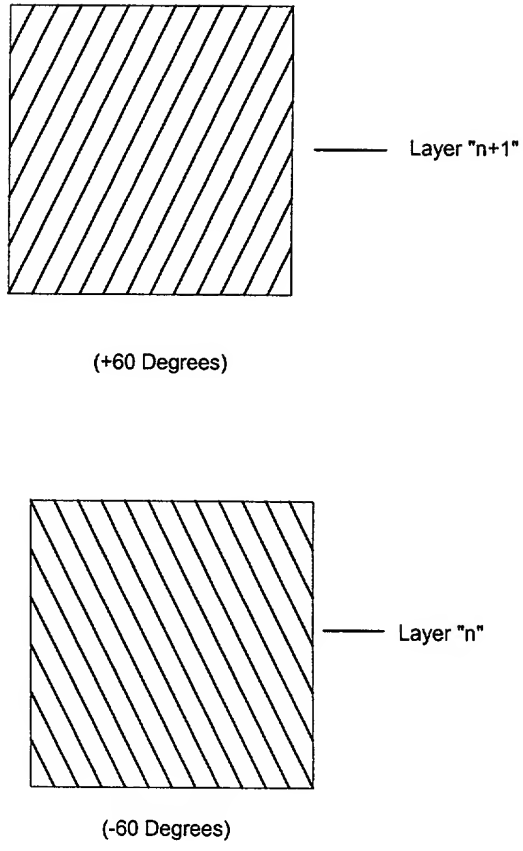
(+60 Degrees)

Layer "n"

Figure 3a



THE



COPY OF PAPERS
ORIGINALLY FILED

20020812 23044007

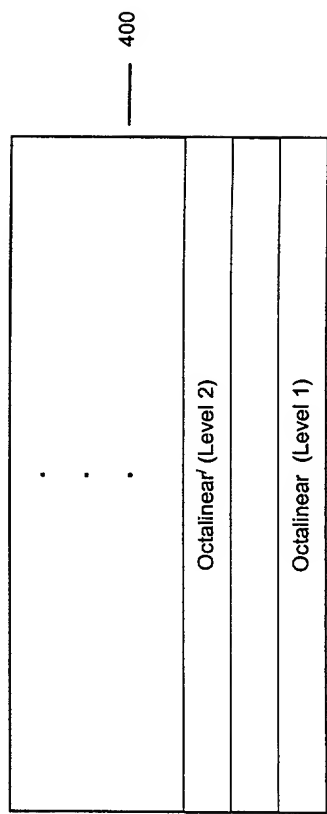
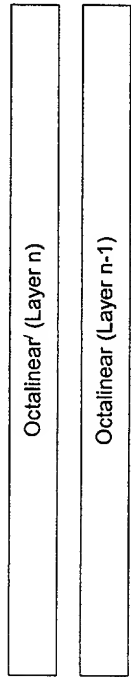
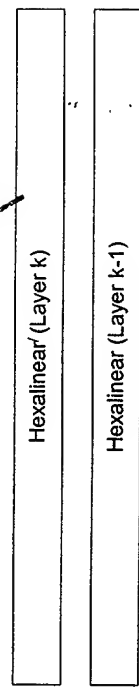
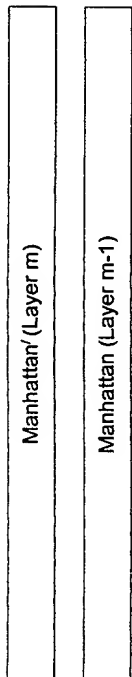


Figure 4a



COPY OF PAPERS
ORIGINALLY FILED

202430-2222-0001

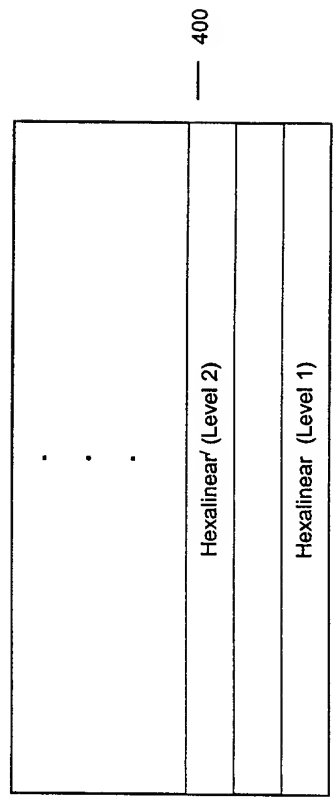
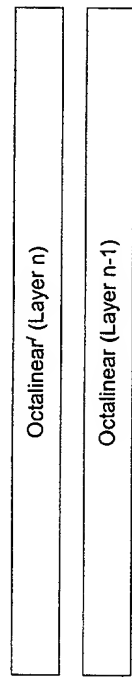
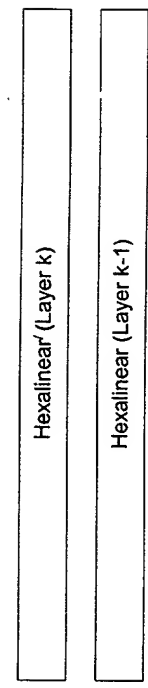
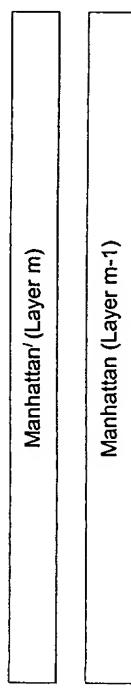


Figure 4b



COPY OF PAPERS
ORIGINALLY FILED

20020812

500	
	Octilinear' Layer 5
	Octilinear Layer 4
	Manhattan Layer 3
	Manhattan' Layer 2
	Manhattan Layer 1

Figure 5a



COPY OF PAPERS
ORIGINALLY FILED

20020812

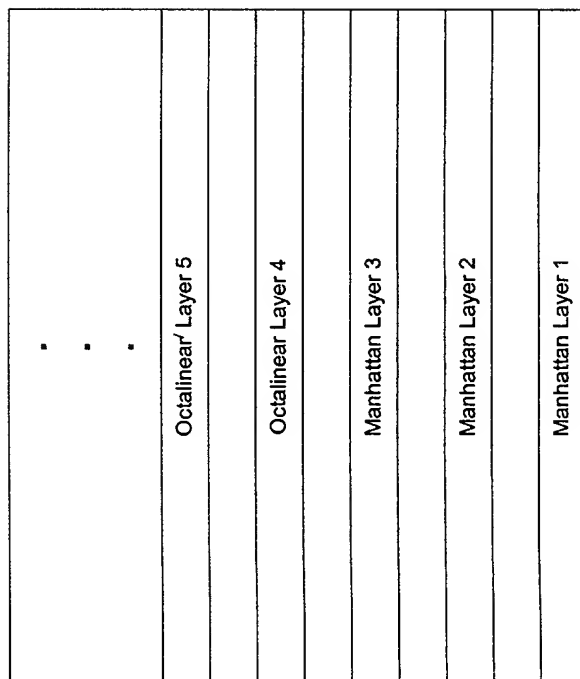
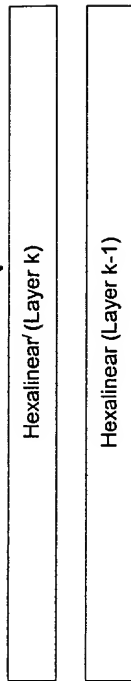
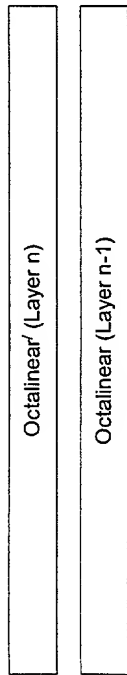
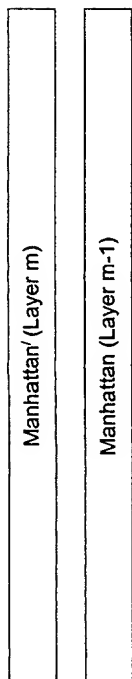
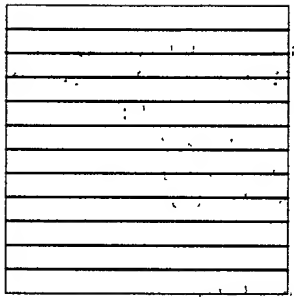


Figure 5b



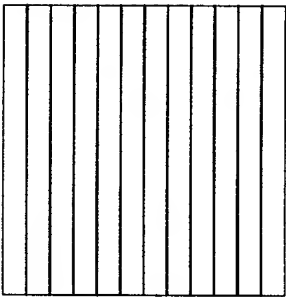
COPY OF PAPERS
ORIGINALLY FILED

202760-22222222



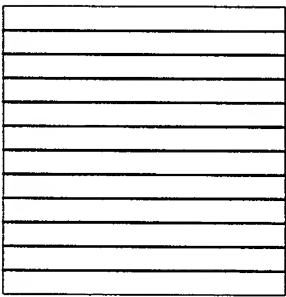
Layer 3

Horizontal



Layer 2

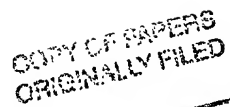
Vertical



Layer 1

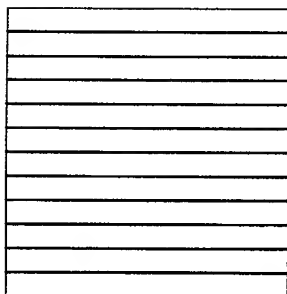
Horizontal

Figure 6a

[illegible]

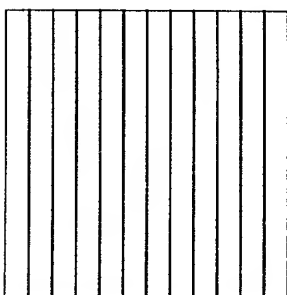
Layer 3

Vertical



Layer 2

Horizontal



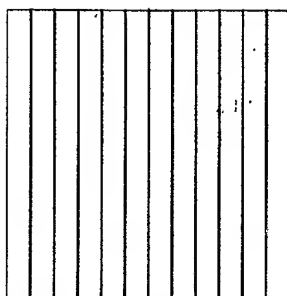
Layer 1

Vertical

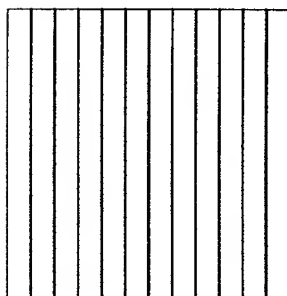
Figure 6b



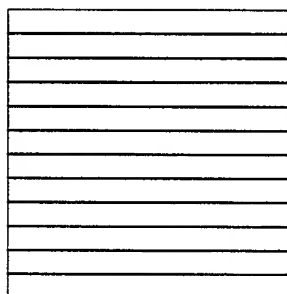
COPY OF PAPERS
ORIGINALLY FILED



Layer 3



Layer 2



Layer 1

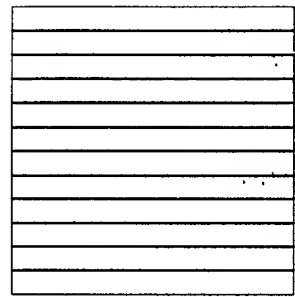
Horizontal

Figure 6c



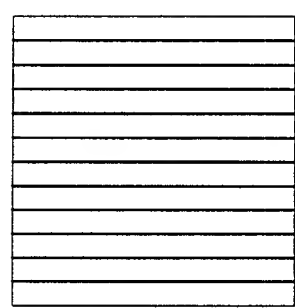
COPY OF PAPERS
ORIGINALLY FILED

202100-ESSCHOTT



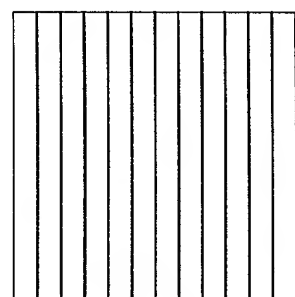
Layer 3

Horizontal



Layer 2

Horizontal



Layer 1

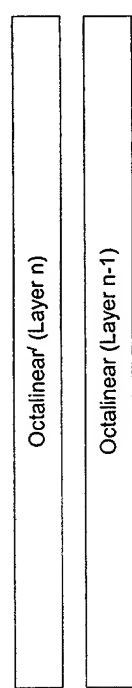
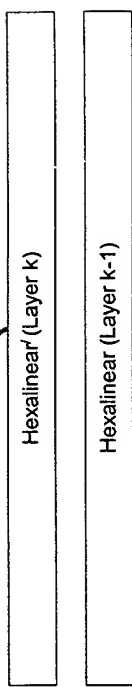
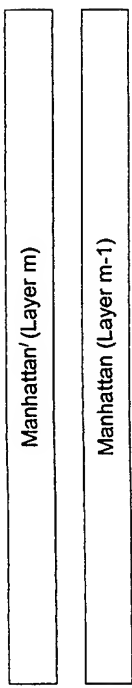
Vertical

Figure 6d



COPY OF PAPERS
ORIGINALLY FILED

202780* E-2264001



.
.
.
Hexalinear' Layer 5
Hexalinear Layer 4
Manhattan Layer 3
Manhattan Layer 2
Manhattan Layer 1

Figure 7



COPY OF PAPERS
ORIGINALLY FILED

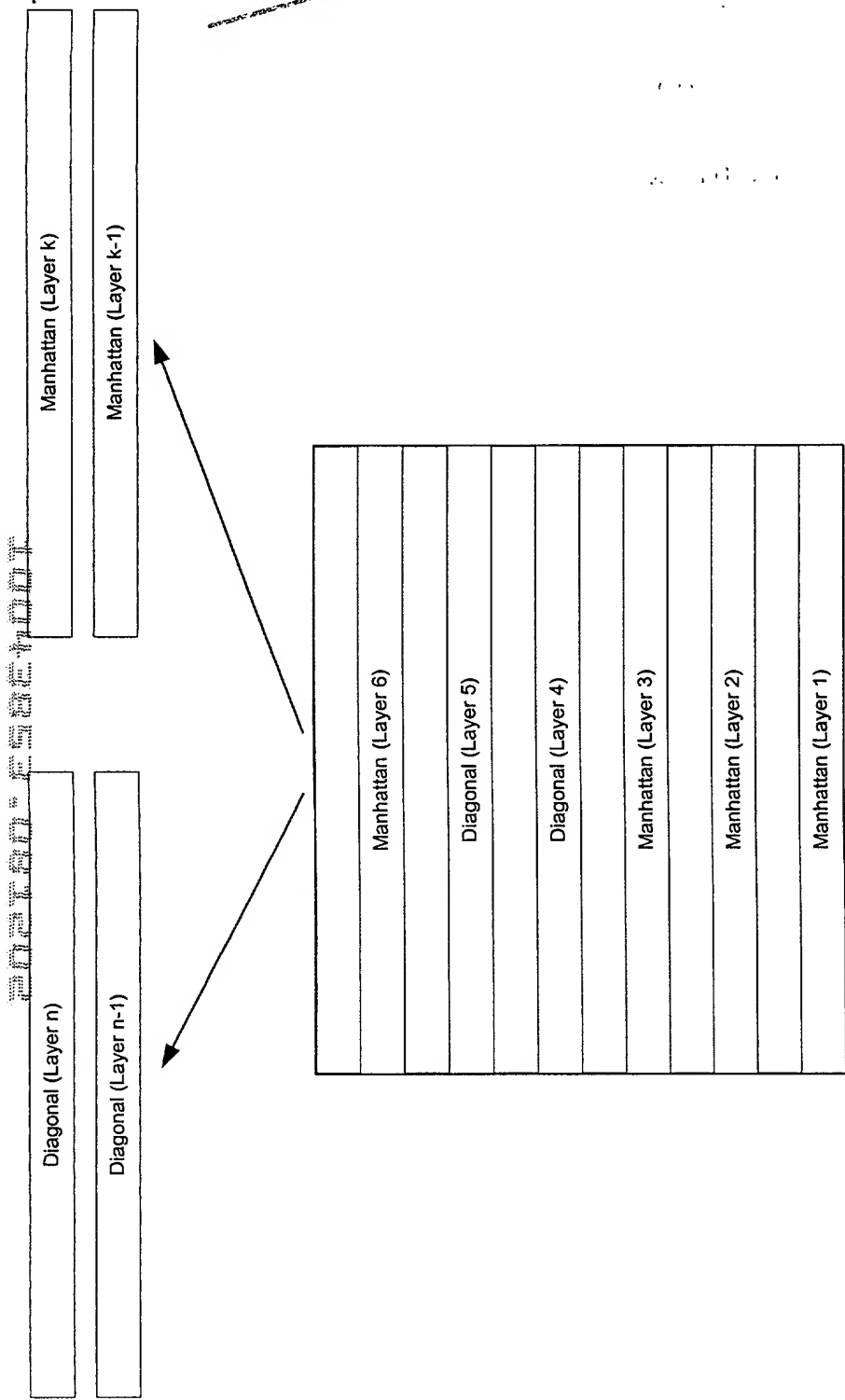
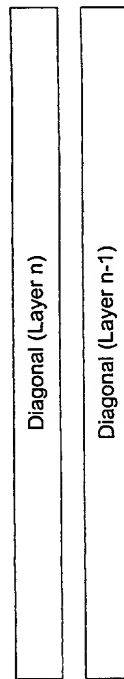
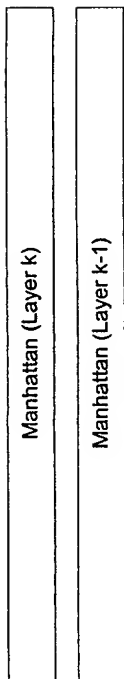


Figure 8



COPY OF PAPERS
ORIGINALLY FILED

Manhattan



900

.	.	.
Manhattan (Layer 7)		
Manhattan (Layer 6)		
Diagonal (Layer 5)		
Diagonal (Layer 4)		
Manhattan (Layer 3)		
Manhattan (Layer 2)		
Manhattan (Layer 1)		

Figure 9

PATENT & TRADEMARK OFFICE

**COPY OF PAPERS
ORIGINALLY FILED**

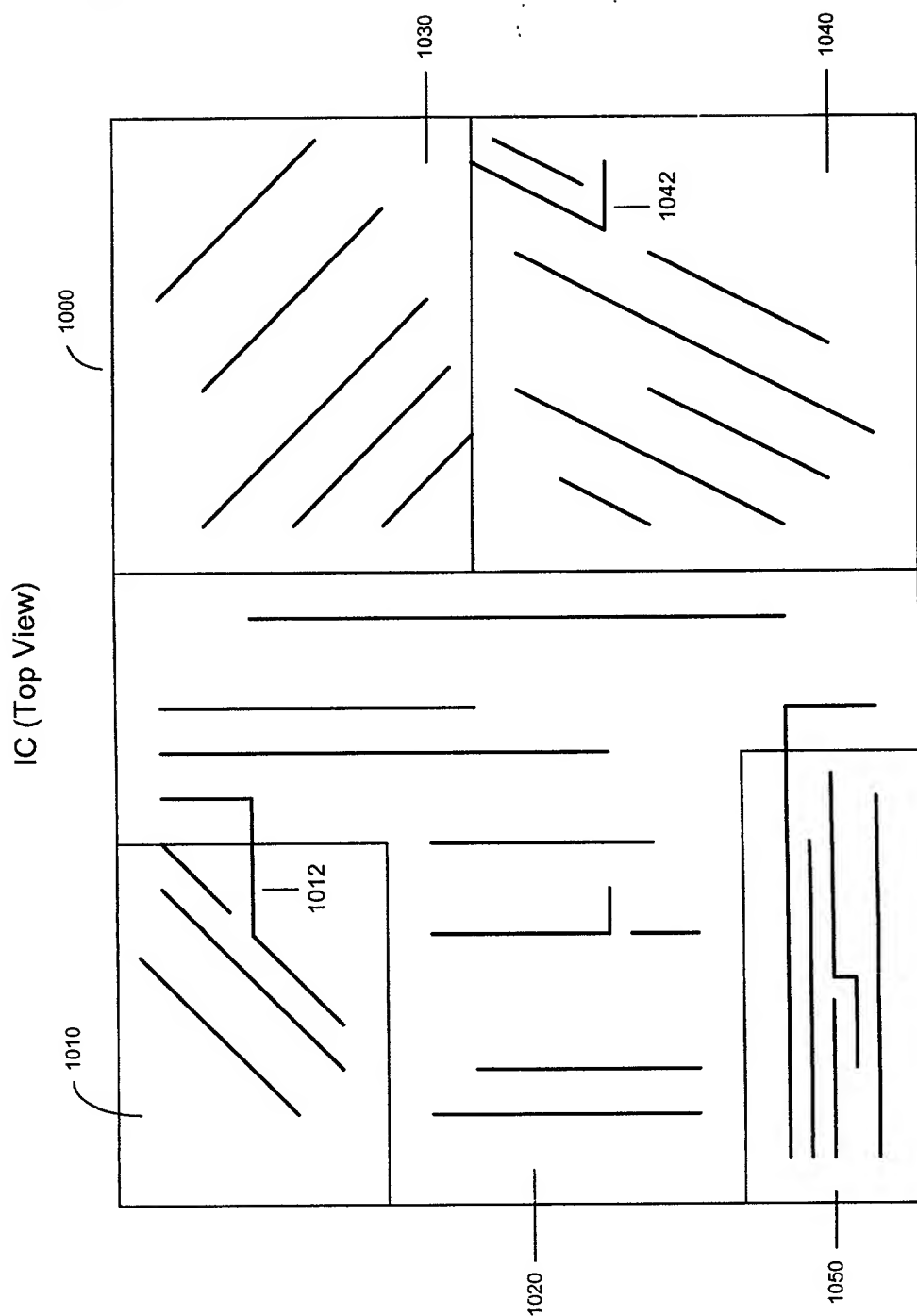
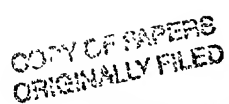


Figure 10



THE UNIVERSITY OF CHICAGO

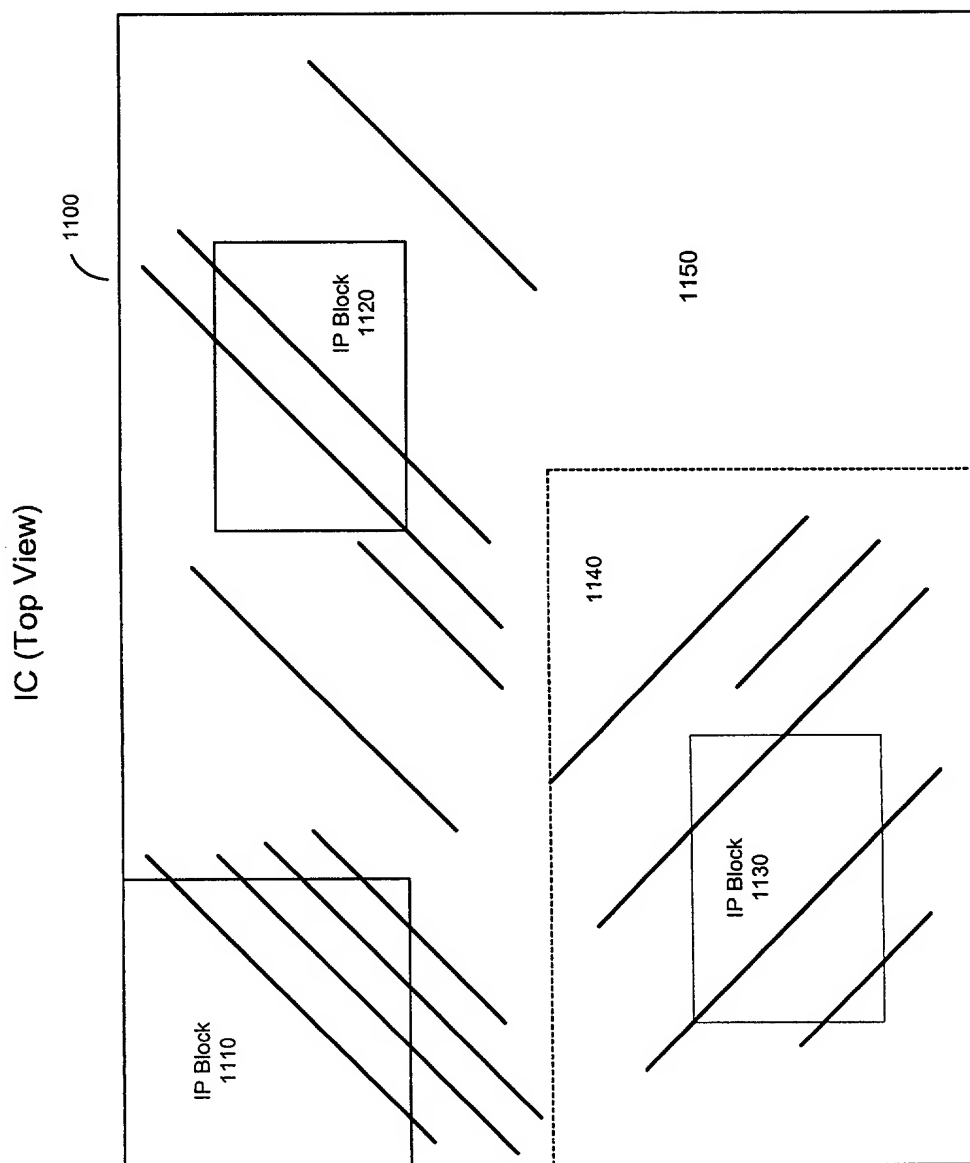


Figure 11



CITY OF PAPERS
ORIGINALLY FILED

2002-08-01

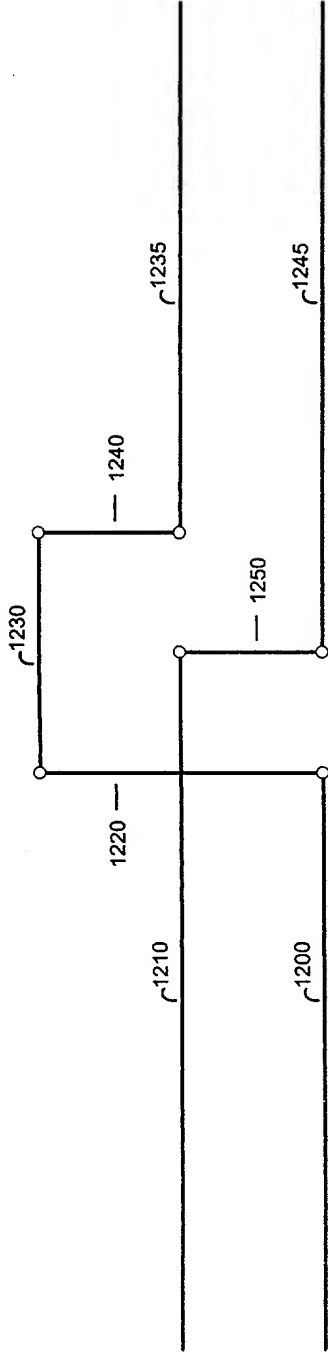


Figure 12a

Prior Art

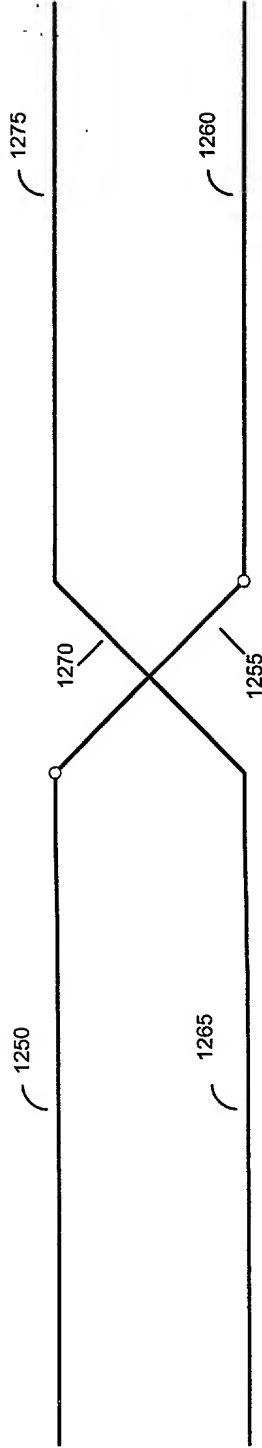


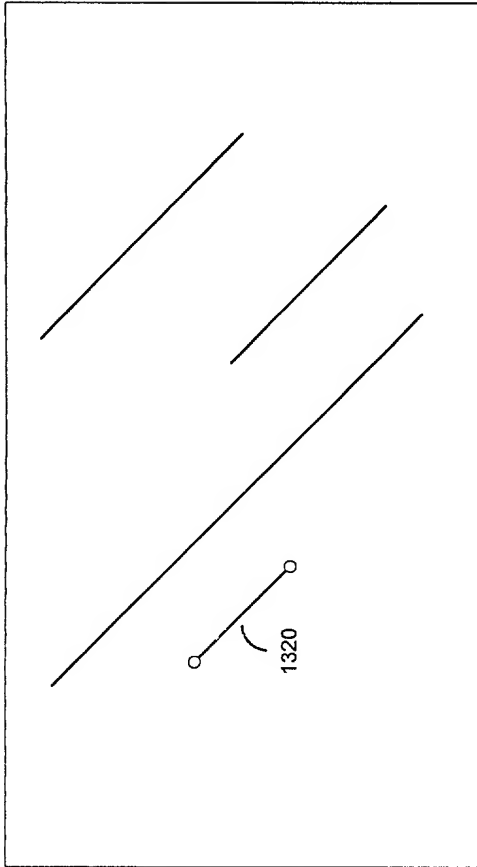
Figure 12b



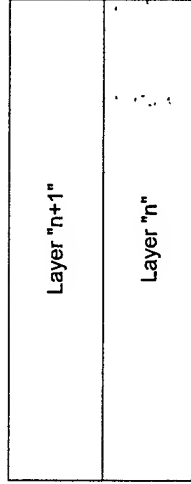
COPY OF PAPERS
ORIGINALLY FILED

2002730 * E-Section

Layer "n+1" (Top View)



Metal Layers Side View



Layer "n" (Top View)

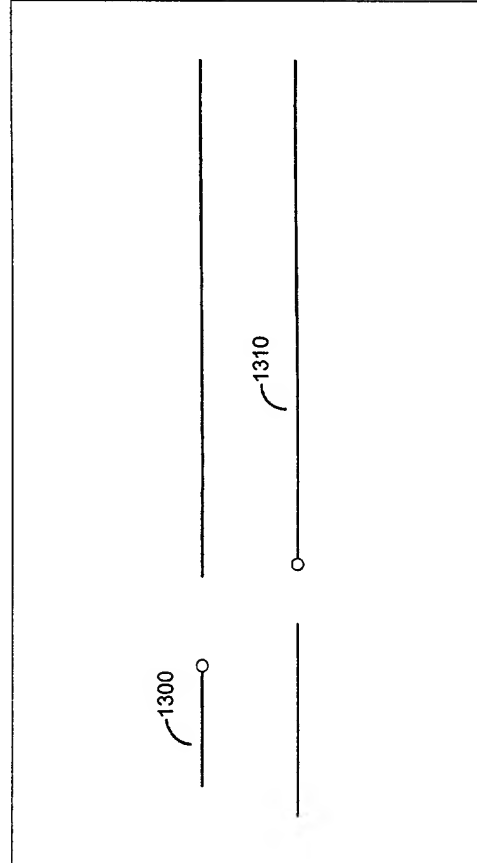


Figure 13

COPY OF PAPERS
ORIGINALLY FILED

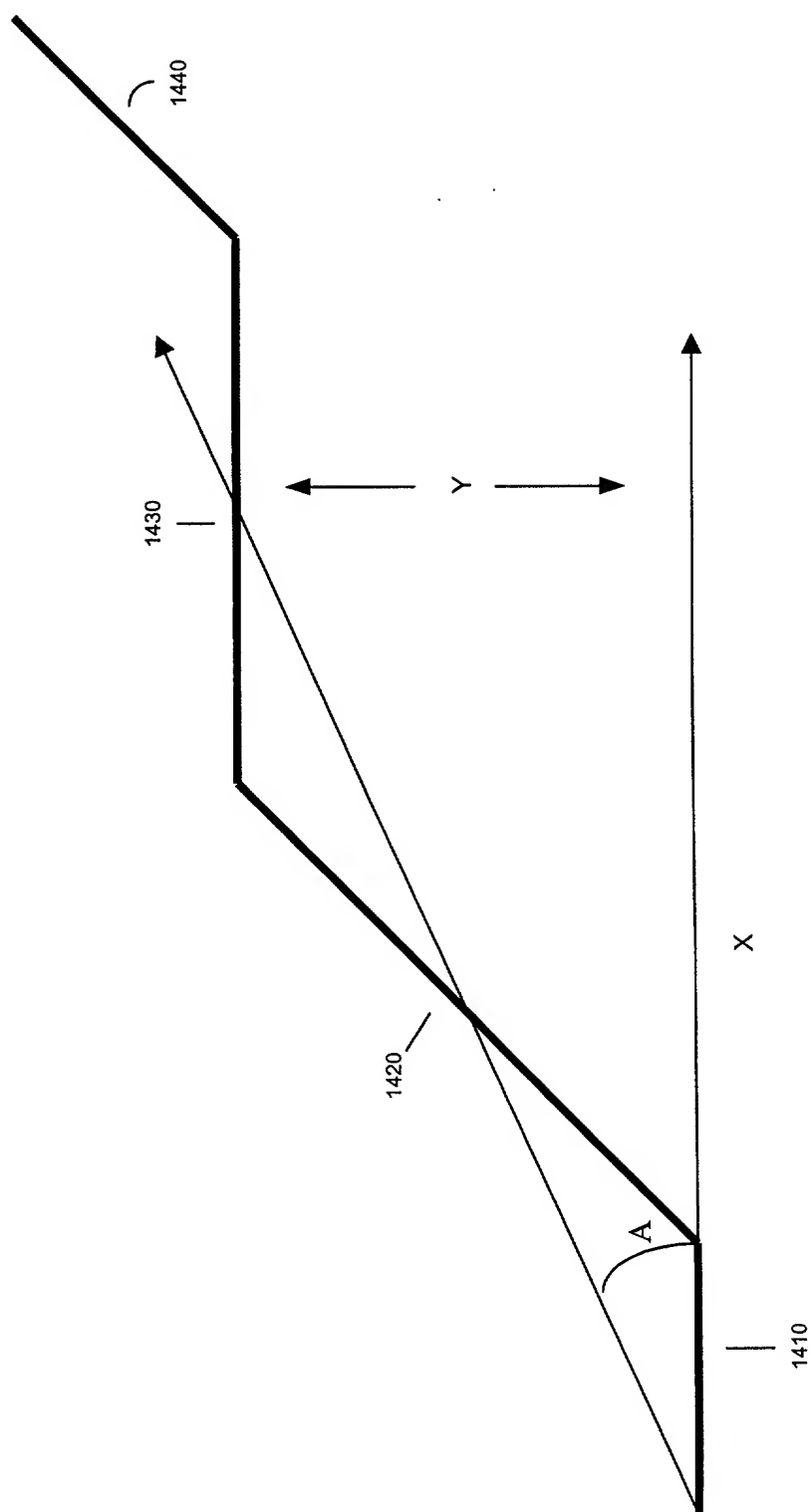


Figure 14

202180-2-2002



COPY OF PAPERS
ORIGINALLY FILED

2002-08-12

IC (Top View)

1500

1520

1510

Figure 15



COPY OF PAPERS
ORIGINALLY FILED

2002-08-12
IC (Top View)

1600

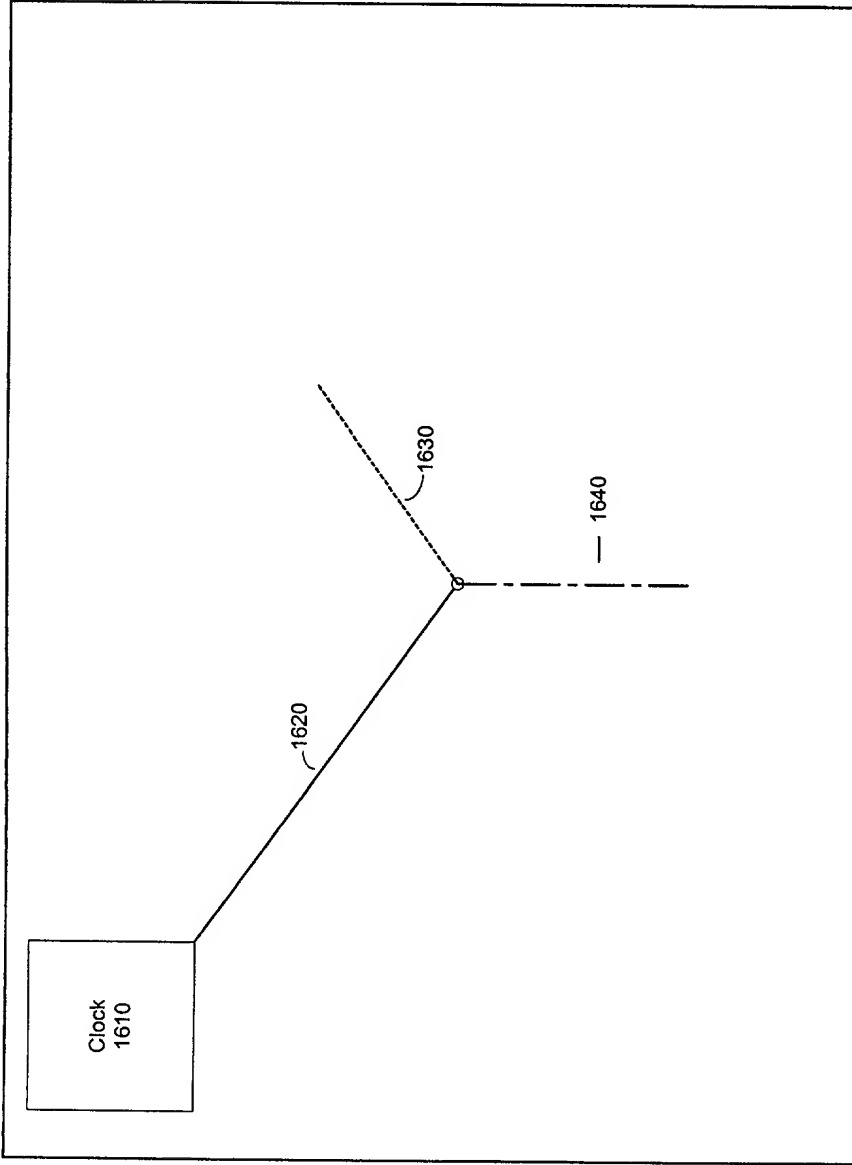


Figure 16